

VVV	VVV	MMM	MMM	SSSSSSSSSSSS	LLL	IIIIIIII	0000000000	
VVV	VVV	MMM	MMM	SSSSSSSSSSSS	LLL	IIIIIIII	0000000000	
VVV	VVV	MMM	MMM	SSSSSSSSSSSS	LLL	IIIIIIII	0000000000	
VVV	VVV	MMMMMM	MMMMMM	SSS	LLL	III	000	000
VVV	VVV	MMMMMM	MMMMMM	SSS	LLL	III	000	000
VVV	VVV	MMMMMM	MMMMMM	SSS	LLL	III	000	000
VVV	VVV	MMM	MMM	SSS	LLL	III	000	000
VVV	VVV	MMM	MMM	SSS	LLL	III	000	000
VVV	VVV	MMM	MMM	SSS	LLL	III	000	000
VVV	VVV	MMM	MMM	SSSSSSSSSS	LLL	III	0000000000	
VVV	VVV	MMM	MMM	SSSSSSSSSS	LLL	III	0000000000	
VVV	VVV	MMM	MMM	SSSSSSSSSS	LLL	III	0000000000	
VVV	VVV	MMM	MMM	SSS	LLL	III	000	000
VVV	VVV	MMM	MMM	SSS	LLL	III	000	000
VVV	VVV	MMM	MMM	SSS	LLL	III	000	000
VVV	VVV	MMM	MMM	SSS	LLL	III	000	000
VVV	VVV	MMM	MMM	SSS	LLL	III	000	000
VVV	VVV	MMM	MMM	SSS	LLL	III	000	000
VVV	VVV	MMM	MMM	SSS	LLL	III	000	000
VVV	VVV	MMM	MMM	SSS	LLL	III	000	000
VVV	VVV	MMM	MMM	SSSSSSSSSSSS	LLLLLLLLLLLLLLLL	IIIIIIII	0000000000	
VVV	VVV	MMM	MMM	SSSSSSSSSSSS	LLLLLLLLLLLLLLLL	IIIIIIII	0000000000	
VVV	VVV	MMM	MMM	SSSSSSSSSSSS	LLLLLLLLLLLLLLLL	IIIIIIII	0000000000	

[illegible]

(2) 48 DECLARATIONS


```
0000 1 .TITLE SCR$VECTOR - Entry vectors for Screen Package
0000 2 .IDENT 'V04-000' ; File: SCRVECTOR.MAR Edit: SBL1002
0000 3
0000 4 :
0000 5 :*****
0000 6 :*
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0000 24 :*
0000 25 :*
0000 26 :*****
0000 27 :
0000 28 :
0000 29 :++
0000 30 : FACILITY: Terminal-independent Screen Procedures
0000 31 :
0000 32 : ABSTRACT:
0000 33 :
0000 34 : This module contains the entry vector definitions for the
0000 35 : Run-Time Library Terminal-Independent Screen Handling Procedures
0000 36 :
0000 37 : ENVIRONMENT: Runs at any access mode, AST Reentrant
0000 38 :
0000 39 : AUTHOR: Steven B. Lionel, CREATION DATE: 26-Oct-1981
0000 40 :
0000 41 : MODIFIED BY:
0000 42 :
0000 43 : 1-001 - Original. SBL 26-Oct-1981
0000 44 : 1-002 - Change PSECT name to $$VECTOR so that it sorts first alphabetically.
0000 45 : SBL 4-Dec-1981
0000 46 :--
```



```
0000 48      .SBTTL  DECLARATIONS
0000 49  :
0000 50  : LIBRARY MACRO CALLS:
0000 51  :
0000 52  :     NONE
0000 53  :
0000 54  : EXTERNAL DECLARATIONS:
0000 55  :
0000 56  :     .DSABL  GBL                ; Force all external symbols to be declared
0000 57  :
0000 58  : MACROS:
0000 59  :
0000 60  :
0000 61  :+
0000 62  : Macro to define an entry vector.  If NAME does not have a .ENTRY of
0000 63  : its own, the corresponding .ENTRY name must be specified as ALTMASK.
0000 64  : -
0000 65  :
0000 66      .MACRO  VECTOR  NAME, ALTMASK
0000 67      .EXTRN   NAME
0000 68      .TRANSFER NAME
0000 69      .IF BLANK ALTMASK
0000 70      .MASK    NAME
0000 71      .IFF
0000 72      .MASK    ALTMASK
0000 73      .ENDC
0000 74      JMP      NAME+2
0000 75      .ENDM
0000 76
0000 77      .LIST  MEB                ; generate listing for code generated
0000 78
0000 79  :
0000 80  : EQUATED SYMBOLS:
0000 81  :
0000 82  :     NONE
0000 83  :
0000 84  : OWN STORAGE:
0000 85  :
0000 86  :
0000 87  :     NONE
0000 88  :
0000 89  : PSECT DECLARATIONS:
0000 90  :
00000000 91      .PSECT $$VECTOR PIC, USR, CON, REL, LCL, SHR, -
0000 92      EXE, RD, NOWRT, LONG
0000 93
```



```
0000 95 ;+
0000 96 ; Define vectored entry points for the screen package.
0000 97 ; -
0000 98
0000 99
00000002'EF 0000' 0000 VECTOR LIB$ERASE_PAGE
17 0002 .MASK LIB$ERASE_PAGE
JMP LIB$ERASE_PAGE+2
00000002'EF 0000' 0008 100 VECTOR SCR$ERASE_PAGE
17 000A .MASK SCR$ERASE_PAGE
JMP SCR$ERASE_PAGE+2
00000002'EF 0000' 0010 101 VECTOR SCR$ERASE, SCR$ERASE_PAGE ; Obsolete
17 0012 .MASK SCR$ERASE_PAGE
JMP SCR$ERASE+2
00000002'EF 0000' 0018 102
17 0018 103 VECTOR LIB$ERASE_LINE
001A .MASK LIB$ERASE_LINE
JMP LIB$ERASE_LINE+2
00000002'EF 0000' 0020 104 VECTOR SCR$ERASE_LINE
17 0022 .MASK SCR$ERASE_LINE
JMP SCR$ERASE_LINE+2
00000002'EF 0000' 0028 105
17 0028 106 VECTOR LIB$PUT_LINE
002A .MASK LIB$PUT_LINE
JMP LIB$PUT_LINE+2
00000002'EF 0000' 0030 107 VECTOR SCR$PUT_LINE
17 0032 .MASK SCR$PUT_LINE
JMP SCR$PUT_LINE+2
00000002'EF 0000' 0038 108
17 0038 109 VECTOR LIB$SET_CURSOR
003A .MASK LIB$SET_CURSOR
JMP LIB$SET_CURSOR+2
00000002'EF 0000' 0040 110 VECTOR SCR$SET_CURSOR
17 0042 .MASK SCR$SET_CURSOR
JMP SCR$SET_CURSOR+2
00000002'EF 0000' 0048 111
17 0048 112 VECTOR LIB$PUT_SCREEN
004A .MASK LIB$PUT_SCREEN
JMP LIB$PUT_SCREEN+2
00000002'EF 0000' 0050 113 VECTOR SCR$PUT_SCREEN
17 0052 .MASK SCR$PUT_SCREEN
JMP SCR$PUT_SCREEN+2
00000002'EF 0000' 0058 114
17 0058 115 VECTOR LIB$GET_SCREEN, SCR$GET_SCREEN
005A .MASK SCR$GET_SCREEN
JMP LIB$GET_SCREEN+2
00000002'EF 0000' 0060 116 VECTOR SCR$GET_SCREEN
17 0062 .MASK SCR$GET_SCREEN
JMP SCR$GET_SCREEN+2
00000002'EF 0000' 0068 117
17 0068 118 VECTOR LIB$DOWN_SCROLL, SCR$DOWN_SCROLL
006A .MASK SCR$DOWN_SCROLL
JMP LIB$DOWN_SCROLL+2
00000002'EF 0000' 0070 119 VECTOR SCR$DOWN_SCROLL
17 0072 .MASK SCR$DOWN_SCROLL
JMP SCR$DOWN_SCROLL+2
00000002'EF 0078 120
0078 121 VECTOR LIB$UP_SCROLL, SCR$UP_SCROLL
```



```
00000002'EF 0000' 0078 .MASK SCR$UP_SCROLL
               17 007A JMP LIB$UP_SCROLL+2
               0080 122 VECTOR SCR$UP_SCROLL
00000002'EF 0000' 0080 .MASK SCR$UP_SCROLL
               17 0082 JMP SCR$UP_SCROLL+2
               0088 123
               0088 124 VECTOR LIB$SET_SCROLL
00000002'EF 0000' 0088 .MASK LIB$SET_SCROLL
               17 008A JMP LIB$SET_SCROLL+2
               0090 125 VECTOR SCR$SET_SCROLL
00000002'EF 0000' 0090 .MASK SCR$SET_SCROLL
               17 0092 JMP SCR$SET_SCROLL+2
               0098 126
               0098 127 VECTOR LIB$SET_BUFFER, SCR$SET_BUFFER
00000002'EF 0000' 0098 .MASK SCR$SET_BUFFER
               17 009A JMP LIB$SET_BUFFER+2
               00A0 128 VECTOR SCR$SET_BUFFER
00000002'EF 0000' 00A0 .MASK SCR$SET_BUFFER
               17 00A2 JMP SCR$SET_BUFFER+2
               00A8 129
               00A8 130 VECTOR LIB$PUT_BUFFER
00000002'EF 0000' 00A8 .MASK LIB$PUT_BUFFER
               17 00AA JMP LIB$PUT_BUFFER+2
               00B0 131 VECTOR SCR$PUT_BUFFER
00000002'EF 0000' 00B0 .MASK SCR$PUT_BUFFER
               17 00B2 JMP SCR$PUT_BUFFER+2
               00B8 132
               00B8 133 VECTOR LIB$SCREEN_INFO
00000002'EF 0000' 00B8 .MASK LIB$SCREEN_INFO
               17 00BA JMP LIB$SCREEN_INFO+2
               00C0 134 VECTOR SCR$SCREEN_INFO
00000002'EF 0000' 00C0 .MASK SCR$SCREEN_INFO
               17 00C2 JMP SCR$SCREEN_INFO+2
               00C8 135
               00C8 136 VECTOR LIB$SET_OUTPUT
00000002'EF 0000' 00C8 .MASK LIB$SET_OUTPUT
               17 00CA JMP LIB$SET_OUTPUT+2
               00D0 137 VECTOR SCR$SET_OUTPUT
00000002'EF 0000' 00D0 .MASK SCR$SET_OUTPUT
               17 00D2 JMP SCR$SET_OUTPUT+2
               00D8 138
               00D8 139 VECTOR LIB$STOP_OUTPUT, SCR$STOP_OUTPUT
00000002'EF 0000' 00D8 .MASK SCR$STOP_OUTPUT
               17 00DA JMP LIB$STOP_OUTPUT+2
               00E0 140 VECTOR SCR$STOP_OUTPUT
00000002'EF 0000' 00E0 .MASK SCR$STOP_OUTPUT
               17 00E2 JMP SCR$STOP_OUTPUT+2
               00E8 141
               00E8 142 .END
```

; End of module SCR\$VECTOR

SCR\$VECTOR
Symbol table

- Entry vectors for Screen Package F 13

16-SEP-1984 02:16:59 VAX/VMS Macro V04-00 Page 5
5-SEP-1984 04:43:38 [VMSLIB.SRC]SCR\$VECTOR.MAR;1 (3)

LIB\$DOWN_SCROLL	*****	X	01
LIB\$ERASE_LINE	*****	X	01
LIB\$ERASE_PAGE	*****	X	01
LIB\$GET_SCREEN	*****	X	01
LIB\$PUT_BUFFER	*****	X	01
LIB\$PUT_LINE	*****	X	01
LIB\$PUT_SCREEN	*****	X	01
LIB\$SCREEN_INFO	*****	X	01
LIB\$SET_BUFFER	*****	X	01
LIB\$SET_CURSOR	*****	X	01
LIB\$SET_OUTPUT	*****	X	01
LIB\$SET_SCROLL	*****	X	01
LIB\$STOP_OUTPUT	*****	X	01
LIB\$UP_SCROLL	*****	X	01
SCR\$DOWN_SCROLL	*****	X	01
SCR\$ERASE	*****	X	01
SCR\$ERASE_LINE	*****	X	01
SCR\$ERASE_PAGE	*****	X	01
SCR\$GET_SCREEN	*****	X	01
SCR\$PUT_BUFFER	*****	X	01
SCR\$PUT_LINE	*****	X	01
SCR\$PUT_SCREEN	*****	X	01
SCR\$SCREEN_INFO	*****	X	01
SCR\$SET_BUFFER	*****	X	01
SCR\$SET_CURSOR	*****	X	01
SCR\$SET_OUTPUT	*****	X	01
SCR\$SET_SCROLL	*****	X	01
SCR\$STOP_OUTPUT	*****	X	01
SCR\$UP_SCROLL	*****	X	01

+-----+
! Psect synopsis !
+-----+

PSECT name	Allocation	PSECT No.	Attributes														
ABS	00000000 (0.)	00 (0.)	NOPI	USR	CON	ABS	LCL	NOSHR	NOEXE	NORD	NOWRT	NOVEC	BYTE				
\$\$VECTOR	000000E8 (232.)	01 (1.)	PIC	USR	CON	REL	LCL	SHR	EXE	RD	NOWRT	NOVEC	LONG				

+-----+
! Performance indicators !
+-----+

Phase	Page faults	CPU Time	Elapsed Time
Initialization	32	00:00:00.10	00:00:00.64
Command processing	118	00:00:00.57	00:00:03.06
Pass 1	95	00:00:00.93	00:00:02.81
Symbol table sort	0	00:00:00.01	00:00:00.01
Pass 2	50	00:00:00.46	00:00:00.88
Symbol table output	4	00:00:00.03	00:00:00.24
Psect synopsis output	2	00:00:00.02	00:00:00.02
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	303	00:00:02.12	00:00:07.66

The working set limit was 900 pages.
8228 bytes (17 pages) of virtual memory were used to buffer the intermediate code.

There were 10 pages of symbol table space allocated to hold 29 non-local and 0 local symbols.
142 source lines were read in Pass 1, producing 12 object records in Pass 2.
1 page of virtual memory was used to define 1 macro.

+-----+
! Macro library statistics !
+-----+

Macro library name	Macros defined
-----	-----
\$255\$DUA28:[SYS.OBJ]LIB.MLB;1	0
\$255\$DUA28:[SYSLIB]STARLET.MLB;2	0
TOTALS (all libraries)	0

0 GETS were required to define 0 macros.

There were no errors, warnings or information messages.

MACRO/DISA=TRACE/LIS=LIS\$:SCRVECTOR/OBJ=OBJ\$:SCRVECTOR MSRC\$:SCRVECTOR/UPDATE=(ENH\$:SCRVECTOR)+EXECMLS/LIB

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VAX/VMS V4.0

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